

Serial No. 10/694,192  
Atty. Doc. No. 2000P20254WOUS

In The Claims:

Please amend the claims as shown. Applicant reserves the right to pursue any canceled claims at a later date.

1.-24. (cancelled)

25. (previously presented) A combustion chamber comprising:

an outer wall structure surrounding an internal area;

a cooling air inlet orifice arranged on the outer wall structure for cooling air near a hot gas outlet orifice, the cooling air inlet orifice opening into a cooling air channel;

a burner projecting into the internal area;

a housing extending from the burner to the hot gas outlet orifice;

a stiffening rib arranged on a surface of the housing and oriented in an axial direction in the direction of hot gas flow, the stiffening rib sized and configured to reduce stress in the housing;

an inner wall offset from the outer wall structure, the inner wall formed by a surface of the housing and cooled by convection by an air stream flowing between the outer wall structure and the inner wall, the air stream being conducted in a closed cooling air channel; and

an outlet opening for the cooling air from the cooling air channel via which the cooling air is conducted to the burner for combustion purposes,

whereby between the cooling air inlet orifice and the outlet opening the majority of the surface of the housing is cooled by convection by the cooling air stream.

26. (previously presented) The combustion chamber as claimed in claim 25, wherein the housing is made of sheet metal having a wall thickness between 3 mm and 10 mm.

27. (previously presented) The combustion chamber as claimed in claim 26, wherein the housing is interlocked with the wall structure in the area of the hot gas outlet orifice.

28. (previously presented) The combustion chamber as claimed in claim 26, wherein the wall structure has at least one cooling air inlet orifice in the area of the hot gas outlet orifice.

Do not  
enter  
RM  
1/30/06